

FORM PTO-1449

U.S. Department of Commerce
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P27783Application No.
10/531,989

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**
(Use several sheets if necessary)

Applicant
Yoshiaki NIWA et al.Filing Date
I.A. Filed October 23, 2003Group
Not Yet Assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/DJ/		5 9 6 9 9 7 3	10/19/99	BOURNE et al.			
/DJ/		5 9 3 4 1 3 3	08/10/99	TAKAHASHI et al.			
/DJ/		6 3 7 4 6 5 8	04/23/02	GASCOIN et al.			
/DJ/		6 4 8 0 2 6 9	11/12/02	BRINKMAN et al.			
/DJ/	2003 /	0 0 1 0 0 7 8	01/16/03	KOYAMA et al.			
/DJ/	2003 /	0 0 0 0 2 6 9	01/02/03	KOYAMA et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
/DJ/	1 1	- 2 2 1 6 3 0	08/17/99	JAPAN			
/DJ/	9	- 5 0 9 6 1 8	09/30/97	JAPAN			X
/DJ/	2 0 0 1	- 2 5 9 7 4 3	09/25/01	JAPAN			
/DJ/	2 0 0 0	- 2 5 4 7 2 8	09/19/00	JAPAN			
/DJ/	1 1	- 3 1 4 1 1 7	11/16/99	JAPAN			
/DJ/	9	- 1 5 5 4 5 2	06/17/97	JAPAN			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

/DJ/	1	English Language Abstract of JP 11-221630.
/DJ/	2	English Language Abstract of JP 2001-259743.
/DJ/	3	English Language Abstract of JP 2000-254728.
/DJ/	4	English Language Abstract of JP 11-314117.
/DJ/	5	English Language Abstract of JP 9-155452.

EXAMINER /David Jones/ (12/03/2007)

DATE CONSIDERED 12/03/2007

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.